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Gro. J. Ball
INC.
WEST CHICAGO
ILLINOIS



Catalog No. 51

JUNE, 1945



V. & R. GIANT PACIFIC DELPHINIUM—Finest of all hybrids; come quite true from seed. Left to right: King Arthur, Guinevere, Summer Skies.

"^{BETTER}
Flower Seeds for Florists"

"Swords into Plowshares"

The greenhouse man of today is fortunate in that the end of the European war poses few or no reconversion problems. Furthermore, thru the immediate release of some labor and material, more of our product should become available. This will result in more normal prices to our public and a general widening of our markets. This will increase the need for "Flower Seeds for Florists" which in turn will, the coming season, meet decreased supplies in certain seed

lines, for the weather the past Spring has been definitely against some California flower seed crops. Labor out there continues a problem.

However, our own greenhouse crops of forcing Snaps, Ball Stocks, Fibrous Begonias, Calceolarias and Cinerarias were never quite so promising or so carefully rogued and so well cleaned as you will find them this season.

Geo. J. Ball

BEGONIAS

FIBROUS ROOTED

(About 1000 seedlings per tr. pkt.)

Fibrous Rooted Begonias, by the nature of their growth, divide themselves readily into 3 groups. (See Sept. '44 GROWER TALKS). The tall class includes the strong, upright growing varieties which have value for bedding; the intermediates are made up of fairly bushy growing sorts that make fine pot plants or can be used for bedding under favorable conditions; while the dwarf class comprises the very popular well rounded pot plant varieties.

TALL CLASS

Christmas Cheer. Large flowered deep crimson rose. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.75; $\frac{3}{2}$ oz., \$3.25.

Glory of Erfurt. Medium rose shades. Tr. pkt., \$1.00; $\frac{3}{2}$ oz., \$2.25.

Ille de France. Large flowered white. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.75; $\frac{3}{2}$ oz., \$3.25.

Masterpiece. Extra large flowered, clear pink. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{3}{2}$ oz., \$4.00.



Picturing a bench of Adeline Begonias growing for seed in our West Chicago greenhouses.

***Pink Radio.** Extra large flowered rich glowing rose. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{3}{2}$ oz., \$4.00.

***Silver Wings.** (New). The extra large pure white flowers contrast vividly with the golden yellow anthers and the glistening bright green foliage. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.75; $\frac{3}{2}$ oz., \$3.25.

Tall Varieties Mixed. A formula mixture of the above strong growing sorts. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.50; $\frac{3}{2}$ oz., \$2.50.

INTERMEDIATE CLASS

***Carmen.** The original bronze-leaved Begonia; bright rose-pink flowers. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{3}{2}$ oz., \$4.00.

Darling. Shades of light to medium pink. Tr. pkts. only, \$1.00.

***Fire Sea (Blaze of Fire).** Large fiery red with green foliage. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{3}{2}$ oz., \$4.00.

***Indian Maid.** Foliage a deep lustrous bronze with contrasting scarlet flowers. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50; $\frac{3}{2}$ oz., \$4.50.

Luminosa. Very attractive and popular scarlet red. Due to a shortage of this variety last season, we obtained a limited amount from one of the most reputable seedsmen in the trade. Flowering trials have since proved this to be mis-named stock. We now offer our own true greenhouse grown strain and will gladly replace any of the inferior seed. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$3.00; $\frac{3}{2}$ oz., \$5.50.

Prima Donna. Light rose pink shading to carmine. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{3}{2}$ oz., \$3.50.

***Scandinavia Pink.** Very free flowering bright rose pink. Fine bushy pot plant habit. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.75; $\frac{3}{2}$ oz., \$5.00.

Scandinavia Red. Identical to the above except for its bright carmine scarlet flowers. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.75; $\frac{3}{2}$ oz., \$5.00.

Scandinavia White. A white Scandinavia selection. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.75; $\frac{3}{2}$ oz., \$5.00.

Intermediate Varieties Mixed. Our own mixture made up of the above separate colors; carefully blended. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{3}{2}$ oz., \$3.50.

DWARF CLASS

***Adeline.** Extra free flowering bright pink; dwarf and compact. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50; $\frac{3}{2}$ oz., \$4.50.

***Ball White.** We find this the finest white for pot plant use. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50; $\frac{3}{2}$ oz., \$4.50.

***Luminosa Compacta.** Extra dwarf and compact; free flowering bright scarlet. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$3.00; $\frac{3}{2}$ oz., \$5.50.

***King of the Reds.** This is by far the most popular Begonia on our entire list. Its vigorous but compact growth and glowing red flowers make it equally valuable for pots or bedding. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50; $\frac{3}{2}$ oz., \$4.50.

Dwarf Varieties Mixed. Our own formula mixture of dwarf varieties. Fine for combinations. Tr. pkts. only, \$1.00.

TUBEROUS ROOTED BEGONIAS

Tuberous Rooted Single Mixed. Attractive shades of orange, rose, scarlet, etc. Large flowered. Tr. pkt., \$1.00; 1/128 oz., \$3.00.

Tuberous Rooted Double Mixed. Large Camellia-flowered double type in mixture of colors. Tr. pkts. only, \$2.50.

DELPHINIUM

(10,000 seeds per oz.)

Delphinium are related to Larkspur and will germinate poorly in a high temperature. We find the best plan for producing strong plants to sell or plant out in spring is to sow around Sept. 1 in finely prepared soil in a cold frame. Be sure it is well watered and sow thinly to avoid the necessity of transplanting.

For forcing, sow the seed not later than Aug. 1 in flats set in the coolest spot available and later transplant the seedlings into frames. After a short rest, or late Nov. they should be taken up and planted in a cold house spacing 6 x 8 in. About Feb 1, start them into growth in a minimum temperature of 40-45°, later increasing to 50° nights. This schedule should get them into full crop by Mother's Day.

PRIZE WINNING GIANT PACIFIC HYBRIDS

These three varieties, pictured in color on the front cover, are outstandingly fine and deserve to be grown by every florist who does a cut-flower business.

King Arthur Series. Royal violet with white bee. Exceptional flower size.

Guinevere Series. Fine light, pinkish-lavender with white bee.

Summer Skies Series. Light blue with an attractively contrasting bee.

PRICES on Above Varieties, Each: Tr. pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; 1 oz., \$14.00.

OTHER GIANT PACIFIC HYBRIDS

Blue Bird Series. The clearest of medium blues with white bee. 2 1/2 in. flowers.

Galahad Series. The finest clear white Delphinium we list. Huge, double flowers borne on long, closely set spikes.

Black Knight Series. Deep mid-night violet. The darkest of them all.

Blue Jay Series. A brilliant true medium blue with dark bee.

Cameliard Series. A pure lavender self with white bee. Very attractive.

Round Table Series. Hybrid or "Trial ground mixture," containing many new and interesting color types not yet introduced.

Guinevere Series. See box above.

King Arthur Series. See box above.

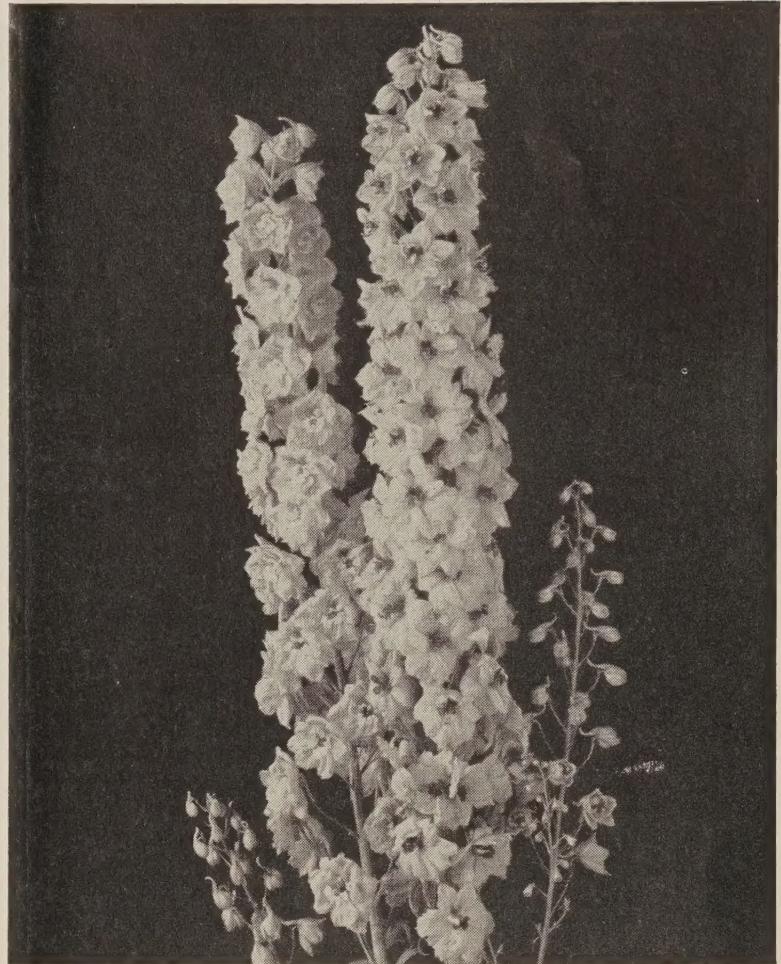
Summer Skies Series. See box above.

PRICES on Above Varieties, Each: Tr. pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; 1 oz., \$14.00.

Clear White. A very fine clear white, large double flowered hybrid Delphinium.

Blue Shades. One of our most popular strains. Mixture of light, medium and dark blue strains.

Lavender Pastel Shades. Mostly two-tone lavender combinations with brown or black bees.



V. & R. Giant Pacific Delphinium are one of our most valuable hardy perennials—equally choice for forcing.

Violet Shades. Deep, rich violet-blue colors with many contrasting white bees.

Mixture. A complete mixture of all colors in this fine hybrid type.

PRICES on Above Four Varieties and Mixture, Each: Tr. pkt., \$1.00; 1/8 oz., \$2.00; 1/4 oz., \$3.50; 1 oz., \$12.00.

MISCELLANEOUS VARIETIES

Belladonna Improved. A carefully reselected strain of this standard light blue. Tr. pkt., 35c; 1/4 oz., 75c; 1 oz., \$2.85; 4 ozs., \$10.00; 1 lb., \$35.00.

Lamartine. Deep, bright marine blue with white eye. Outstanding for color and cut flower habit. Tr. pkt., 50c; 1/4 oz., \$1.35; 1 oz., \$4.75.

Bellamosum Improved. A reselected strain of this standard deep blue. Tr. pkt., 35c; 1/4 oz., 75c; 1 oz., \$2.85; 4 ozs., \$10.00; 1 lb., \$35.00.

Belladonna. The original or regular strain. Tr. pkt., 30c; 1/4 oz., 70c; 1 oz., \$2.20.

Blackmore and Langdon Hybrids. Shades of blue with contrasting bees. A fine, free-flowering, hybrid strain. Tr. pkt., 50c; 1/4 oz., 90c; 1 oz., \$3.00; 4 ozs., \$9.00.

Wrexham or Hollyhock Strain. Extra large, tapering spikes. Long blooming period. Tr. pkt., 50c; 1/4 oz., \$1.60; 1 oz., \$5.50.

Gold Medal Hybrids. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

New crop Delphinium seed will be ready for shipment in July.

BALL

NON-BRANCHING

(18,000 seeds per ounce)

STOCKS



Our Non-Branching Ball White No. 16 for Easter. Sown early October, run quite cool, about 45-degree nights, will stand some forcing if necessary. We find this a nice Easter crop.

OUR 3 FINEST

Our own growing experience indicates that these three can't be beat and enthusiastic reports from growers everywhere bear this out.

***No. 16 Ball White Improved-Medium Tall.** Our earliest pure white, with extra large florets and well-formed, compact spikes. Not recommended for outside planting, but sufficiently long-stemmed for greenhouse culture.

***No. 1 Lilac Lavender.** Second only in popularity to Ball White. Our own excellent large flowered strain that is well liked by all markets.

***No. 22 Ball Supreme.** Extra long stiff stems and fine heavy spikes of rich silvery rose have made this the outstanding variety in its color class.

Pink, Rose and Red Varieties

No. 11 Ball Pink. A medium light rose pink. Earlier and somewhat lighter than our No. 22, but not quite as long stemmed.

***No. 14 Ball Rose Pink.** An early flowering fairly deep rose pink. Darker in color and longer stemmed than the above variety.

No. 9 Chamois Pink Improved. A warm rosy buff color. Distinctly improves the original stock of this variety in stem length and percentage of doubles.

No. 7 Malmaison Pink. Extra long-stemmed blush pink, with some tendency to branch at the base of the flower spike. Useful in combination with darker varieties.

No. 6 American Beauty. Rich deep American Beauty or carnation rose. An appealing but rather heavy color.

No. 8 Ruby. Long-stemmed, glowing crimson red. Plant moderately of this rather strong color for market use.

The increasing popularity of our fine scientifically-bred strains of Non-branching Stocks is reflected in the steadily increasing demand for this seed. This is explained by the ease with which they are grown and the fact that less labor is needed to produce a profitable crop than most items require. While we are making every effort to produce sufficient seed, supplies of a few varieties occasionally run short. Early ordering will help to assure your needs.

Prices on All Non-Branching Varieties As Follows: $\frac{1}{2}$ Tr. pkt., 60c; Tr. pkt. (about 1,200 seeds), \$1.00; $\frac{1}{4}$ oz., \$2.50; 1 oz., \$9.00.

White Varieties

***No. 15 Ball White Improved.** Slightly smaller flowered than our No. 16 but longer-stemmed. Where Stocks can be grown outdoors this is the preferred white, but does equally well under glass.

No. 5 Ball White Extra Dwarf. The extra dwarf (12 to 14 in.) habit and compactly formed pure white spikes of this new type suit it well for pot plant use.

Gardenia. Long stemmed and pure white, but not entirely non-branching. One of the latest flowering varieties.

Lavender, Blue and Purple Varieties

No. 3 Ball Blue. A medium lavender mauve identical in habit to Lilac Lavender. A moderate amount of this is usually wanted.

No. 23 Pastel Lavender. A pale, smoky lavender selection from our Lilac Lavender.

No. 21 PURPLE HEART Our New Non-Branching Stock

This is slightly larger flowered and a stronger grower than our Ball Purple and will replace that variety. This original color in Non-Branching Stocks was developed by us in our greenhouses. The improved form is the result of the single plant selection method we use in maintaining and improving our valuable specialties.

Miscellaneous Varieties

***No. 20 Ball Apricot.** Strong growing buff with a faint pink tinge. An extra large flowered variety that blends well with all lavender and blue shades.

No. 17 Gold Standard. Creamy ivory yellow. An attractive novelty color.

No. 10 Mixture. Our own formula mixture. Contains mostly good market varieties with a limited amount of novelty colors.

BRANCHING STOCKS

Retail growers should include some of this class in their planting. All, with the exception of the Dwarf Ten Week, are handled the same. Plant 8 x 8 in. and top when about 8 in. tall for plenty of good flowers with medium length stems. The Dwarf Ten Week type is largely used for pot plants.

GIANTS OF CALIFORNIA

Monterey. A clear bright pink.
***Pacific.** Fairly dark lilac-mauve.
Santa Barbara. Chamois or buff.
***Santa Maria.** Best branching white.
***Tahoe.** Clear lavender.
***Yosemite.** Rich rose pink.
PRICES for Above Varieties Each: Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.50.
Mixture of all colors. Tr. pkt., 35c; 1/4 oz., \$1.15; 1 oz., \$4.00.

PERPETUAL BRANCHING

***Empress Augusta Victoria.** Silver lilac.
Mixture.
PRICES Each: Tr. pkt., 30c; 1/4 oz., 75c; 1 oz., \$2.65.

IMPROVED BISMARCKS

Antique Copper. Fine copper red.
Apple Blossom. Pale, delicate pink.
Blood Red. Bright ruby red.
***Chamois.** Clear chamois or buff.
***Elk's Pride.** Rich purple.
Flesh. Pale coral pink.
***Golden Ball.** Ivory yellow.
***Lavender.** Clear lilac lavender.
***Lilac.** Fairly deep lilac blue.
Rose. Fine bright rose pink.
***Shasta.** Giant-flowered white.
White. Good clear white.
Formula Mixture of above colors.
PRICES Each: Tr. pkt., 35c; 1/4 oz., \$1.15; 1 oz., \$3.50.

BEAUTY OF NICE

Cote D'Azure. Light lavender-blue.
Flesh Pink. (Beauty of Nice).
Mont Blanc. Extra early pure white.
Queen Alexandra. Fine rosy lilac.
Mixture.
PRICES EACH: Tr. pkt., 30c; 1/4 oz., 75c; 1 oz., \$2.65.

DWARF TEN WEEK

Blood Red **Carmine-Pink** **Lavender**
Canary-Yellow **Deep-Rose** **Purple**
White **Formula Mixture**
PRICES Each: Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.00.

ANNUAL LARKSPUR

(8,000 seeds per oz.)

New crop Larkspur seed usually arrives from our California growers in early September and will be shipped at that time. Early ordering will assure your seed being mailed from the first lots received.



Base Branching Larkspur Rosalind,
extra fine salmon rose.

STOCK FLOWERED VARIETIES

Dark Blue. Rather deep violet-blue.
***Lilac Supreme.** A clear deep lilac.
***Mauve Beauty.** Med. lavender-mauve.
***Rosamond.** Excellent, deep rose.
Los Angeles. Bright salmon-rose.
Rose Queen. Attractive rose-pink.
Sky Blue. A light blue.
***Tempest.** Brilliant deep blue.
White. Prefer White King.
Formula Mixture of above varieties.
PRICES on All Above Stock-flowered varieties and Mixture: Tr. pkt., 25c; 1 oz., 95c; 4 oz., \$3.20; 1 lb., \$9.60.

SUPER MAJESTICS

A new class, stronger and taller in growth than the base branching type.

Rose Pink. A rich bright rose-pink.
White. Large flowered, clear white.
Lavender. A medium rosy lavender.
Mixture of above colors.
PRICES on All Above Super Majestic Varieties and Mixture: Tr. pkt., 35c; 1/4 oz., 50c; 1 oz., \$1.50; 4 oz., \$5.00; 1 lb., \$15.00.

GIANT HYACINTH FLOWERED

Produces one long non-branching spike.

Dark Blue, Pink, Purple, White, Mixed
PRICES on All Above Varieties Including Mixture: Tr. pkt., 35c; 1/4 oz., 50c; 1 oz., \$1.60; 4 oz., \$5.20; 1 lb., \$16.00.

BASE BRANCHING OR IMPERIAL VARIETIES

Carmine King. Bright carmine-rose.
***Coral King.** Pleasing, soft coral rose.
***Dazzler.** Rich carmine-scarlet.
***Exquisite Pink Imp.** Fine soft pink.
***Lilac King.** Slightly lighter than Sweet Lavender. Fine habit.
***Lilac Queen.** Rich deep lilac-lavender.
Los Angeles Imp. Bright salmon rose.
***Miss California.** Pleasing, salmon pink.
***White Cockade.** Fine, fully double pure white flowers.
White Spire. Clear white.
***Formula Mixture** of above varieties.
PRICES on All Above Varieties Including mixtures and the Six Best: Tr. pkt., 25c; 1/4 oz., 40c; 1/2 oz., 65c; 1 oz., \$1.10; 4 oz., \$3.60; 1 lb., \$11.00.

BALL Better

Snaps, along with Non-Branching Stocks, head the list of seed-grown cut flower crops and are of particular value under war time conditions. All seed we sell, except those varieties listed as "Originator's packets," is produced in our own greenhouses where constant re-selection is practised to keep our strains true to type. We're sure there are no finer.

IMPORTANT!

Due to heavy increases in the cost of hand labor required to produce quality seed, we can no longer offer group prices or quantity discounts on Snapdragons.

THOSE HYBRID SNAPS

At this writing we are uncertain as to the amount of seed of the following four hybrid Snaps that we will receive from the originators. All are offered subject to conditions beyond our control.

Christmas Cheer. Extra early rose-pink. $\frac{1}{2}$ Tr. pkt., \$1.75; Tr. pkt., \$3.00.

Better Times. American Beauty rose. Tr. pkt., \$2.00.

Maryland Pink. Soft creamy pink. In fairness to all, supplies of this variety may oblige us to limit its sale to one pkt. per customer. $\frac{1}{2}$ Tr. pkt., \$1.75; Tr. pkt., \$3.00.

Mary Ellen. Closely resembles Maryland Pink in color. We anticipate a fairly good supply of this variety. Tr. pkt., \$2.00.

OUR TWELVE BEST

(For Mid-Winter)

Although we realize that no group of "best" varieties is complete without including the four hybrids mentioned above, uncertain supplies have obliged us to omit them. The following list, therefore, includes what we consider the twelve best of those varieties which are available.

Afterglow. All points considered, this still continues to be the most generally satisfactory all-around orange bronze. Clean growing and attractive. Tr. pkt., \$1.00.

Ball Lavender. Long stemmed and strong growing with long heavy spikes of pleasing orchid lavender. A ready seller on most markets. Tr. pkt., \$1.50.

Cheviot Maid No. 33 (Yoder). This clean growing, beautiful light rose pink Cheviot Maid selection has proven immensely popular with all who have grown it. One of the best commercial varieties. Tr. pkt., \$1.50.

Ethel. The most satisfactory fairly deep yellow that we know of. Perfectly uniform in habit without grassy side growth and with medium sized closely set spikes. Tr. pkt., \$1.50.

Glorious. A strikingly brilliant reddish bronze; of the same general color combination as Afterglow but more intense. This variety is especially attractive for flowering from February on. Tr. pkt., \$1.50.

Klondike Supreme. A strong growing, large flowered, deep yellow which we find preferable to Coates Yellow be-

cause of its darker green foliage. Choice for late winter. Tr. pkt., \$1.00.

New Cincinnati. A medium rose pink with long shatter-proof spikes and extra long, stiff stems. We feel that this variety is one of the best for late winter, and should be more widely grown. Tr. pkt., \$1.00.

Peace (Ball). All points considered, we regard this as the finest pure white Snap of all, and reports from growers this past winter bear this out. We are continuing our selection work on this variety to further improve it. Tr. pkt., \$1.50.

Peggy Schumann. Extra fine, creamy rose pink with heavy stiff stems and well formed spikes. This truly fine variety is steadily increasing in popularity. Tr. pkt., \$2.00.

Rose Queen. This fine deep rose variety continues to hold its place with many newcomers. Our strain is grown from single-plant selections, and is nearly 100% uniformly true. Tr. pkt., \$1.00.

St. Louis Early Pink. If you're looking for that popular Maryland Pink or Mary Ellen color for late winter flowering, this is it. Tr. pkt., \$1.50.

White Wonder Improved (Ball). Our own uniformly long stemmed, even growing strain of this pure white variety. A few days later than Koester's White, but considerably stronger in growth. Tr. pkt., \$1.50.

Ball Forcing Mixture. Carefully balanced mixture of these 12 best varieties. Tr. pkt., \$1.00.



JUNGLEWOOD WHITE

The originator of this new Snapdragon describes it as a pure dazzling white of strong, vigorous growth, its strength being concentrated in the production of the stem and spike—practically no side growth. Under the originator's Colorado conditions it attains a stem length of 6 to 7 feet with flower spikes up to 24 inches when grown on a ground bed. Being practically shatter-free, it frequently has as many as forty florets open and fresh at one time. Should be sown not later than July 1st for winter blooming. Originator's packets. $\frac{1}{2}$ Tr. pkt., \$1.25; Tr. pkt., \$2.00.

Forcing Snaps

STANDARD WINTER SNAPS

Except Varieties on Opposite Page

Starred (*) varieties we find of special value.

NEW HYBRID SNAP

Dorcas Jane. Early Flowering, vigorous grower and that clear light rose pink which stands first in commercial Snap colors. Tr. pkt. of about 1000 seeds, **\$1.50.**

Tr. Pkt.

*America. Large flowered deep rose and orange bi-color.	
Attractive novelty color.....	\$1.50
Ball Dwarf White. Quite nice for pot plants. Not a cut flower type. Cultural notes with each packet.....	1.00
Ball Early Pink. Attractive early flowering deep rose. Should be grown on raised beds for well shaped spikes.	1.00
*Ball Supreme Red. A rich, velvety crimson with no objectionable magenta shading.....	1.50
Bertha Baur. Standard lavender.....	1.50
Bronze Christmas Cheer. Clean growing golden bronze and apricot combination.....	2.00
Carol Jean. Light, creamy yellow. Clean uniform growth. Originator's packets	2.00
Ceylon Court Dark. Standard early yellow; somewhat darker than Ethel.....	1.00
Cheviot Maid Reselected (Ball). Our own strain of this popular rose pink variety. At its best under late winter or spring conditions.....	1.00
*Coates Yellow Perfection. Not early, but a fine yellow for spring	1.00
Daybreak. (Rust-proof strain). Clear light pink.....	1.00
Delworth's Supreme (New). This rich pink Cheviot Maid selection will bloom for Christmas from an early July sowing. Developed by a prominent Canadian grower....	
*Gilbert's Pink. Deep rose pink. Originator's packets.....	1.50
Ideal Imp. (Hodaly's). Bi-color rosy bronze and gold.....	1.50
Kirkwood Beauty. Orange bronze. Originator's packets....	1.00
*Koester's White. Fine, early flowering pure white; sufficiently long stemmed for most purposes. Well formed attractive spikes	1.50
Lucky Strike. Continues its popularity as a strong growing creamy white for spring.....	1.00
Maiden's Blush. White, suffused with pale blush pink. Originator's packets. 1/2 tr. pkt., 60c	
Margaret. (Yoder's). Originator's description, "Long spikes of ivory white; stiff stemmed and clean growing." Originator's packets.....	1.00
*Marie Louise. A beautiful light shell pink. Especially choice color for spring.....	2.00
Marion. Popular spring flowering white.....	1.50
*Miss Wooster. Extra large flowered, fine light golden orange	1.00
*Early Cincinnati (Ball). Our own early flowering strain of this fine light rose.....	1.00
Radiance. Extra early rose pink.....	1.00
Schaffroth's Pink. Long-stemmed rose pink with some color variation	2.00
*Schaffroth's White. Extra long stems and heavy spikes. Should be preferred to Lucky Strike for purity of whiteness	1.50
Schumann's Lavender. Excellent, large flowered rosy lavender for spring. Full, heavy spikes.....	2.00
*Sunlite (Ball). Extra early golden bronze. An excellent producer that comes back quickly after a heavy cut....	1.00
Suntan. Early flowering rosy bronze. Color similar to Afterglow but earlier	1.00
Terry's Surprise Improved. Rosy orange. Long-stemmed and fine for spring.....	1.00
Westover's Fringed White. Large attractively fringed white. One of the better varieties for spring.....	1.00



Our new white Snapdragon "Peace"

Tr. Pkt.

Westover's Fringed White Early. Early selection of the above. Unusually nice	\$1.50
Windmiller's La France. Popular and attractive light pink. Originator's packets	1.50
*Windmiller's Lilac. Long stemmed with graceful spikes of beautiful rosy lilac.....	1.50
Windmiller's Rose Pink Cheviot. Extra early free flowering selection of Cheviot Maid.....	1.50
Windmiller's Appleblossom. A clear medium rose; very attractive	1.00
Windmiller's Snow White. Very fine pure white for Easter and later.....	1.00
Yellow Peggy Schumann (New). Identical to pink Peggy Schumann except in color and takes the place of Schumann's Yellow. Originator's packets.....	2.00
Yellow Wonder Improved. Extra early, but with some unevenness in color and habit of growth.....	1.50
Standard Early Mixed. Mixture of all varieties.....	.75

1/2 tr. pkts. of any variety priced at \$1.00 are supplied at 60c; 1/2 pkts. of \$1.50 varieties, \$1.00. No 1/2 pkts. on \$2.00 or \$3.00 varieties EXCEPT WHERE NOTED.

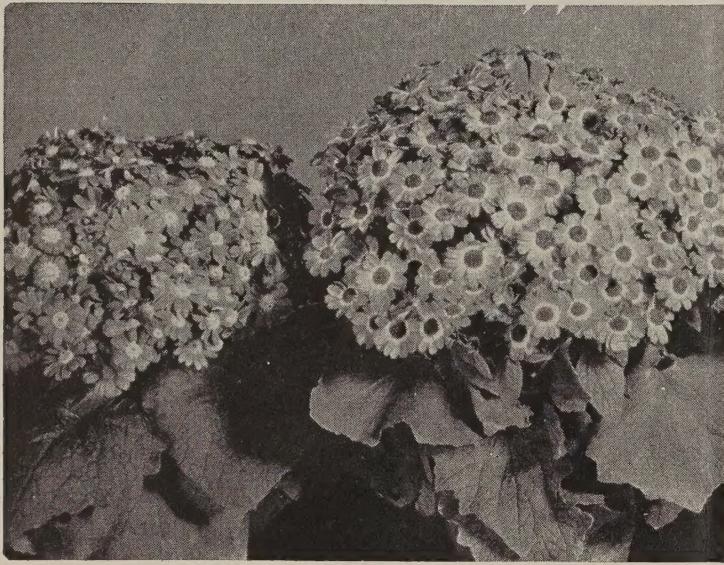
Unless the package of seed you buy carries this trade-mark:

Gro. J. Ball
INC.

IT IS NOT BALL SEEDS

Ball's AMERICAN GROWN—

CINERARIAS



Well grown Cinerarias sell on sight.

- ***No. 1 Mixture.** Consists of Cremer's Prize Strain and Siter's Rainbow Strain in equal proportions. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.75.
- ***No. 2 Mixture.** Contains $\frac{1}{2}$ Cremer's Prize Strain and $\frac{1}{4}$ each Siter's Rainbow Strain and Multiflora Nana, Gold Center Strain. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.75.
- Stellata Mixture.** (Star type). Small, free flowering strain. 24 to 30 in. tall. Tr. pkt., 75c; $\frac{1}{64}$ oz., \$1.25; $\frac{1}{32}$ oz., \$2.25.

***Siter's Rainbow Strain.** 3,500 seeds per $\frac{1}{32}$ oz. An excellent market strain with immense heads of medium large mostly white eyed flowers and small foliage. Tr. pkt., \$2.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50; $\frac{1}{16}$ oz., \$8.00.

***Multiflora Nana, Gold Center.** 6,300 seeds per $\frac{1}{32}$ oz. Attractive medium small self-colored flowers with yellow anthers. Good shipper. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.50.

***Cremer's Prize Strain.** (Reselected stock). 6,300 seeds per $\frac{1}{32}$ oz. Continues to be the standard florists' strain. About half-light-eyed. Tr. pkt., \$1.50; $\frac{1}{64}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.00; $\frac{1}{16}$ oz., \$7.50.

***Berlin Market Mixed.** (Weissensee Strain). 3,500 seeds per $\frac{1}{32}$ oz. A fine strain producing large rounded heads of medium large flowers on compact plants. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$1.75; $\frac{1}{32}$ oz., \$3.25.

Berlin Market, Dark Crimson. A deep crimson selection without any eye. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$1.75.

***Grandiflora Dwarf Mixed.** 3,500 seeds per $\frac{1}{32}$ oz. Large flowers in a wide assortment of rich colors with contrasting large white eyes. Extra dwarf and compact growth. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$1.75; $\frac{1}{32}$ oz., \$3.25.

Dwarf Giant Exhibition Mixture. Extra large (4 to 5 in.) flowers in a wide color range on fairly dwarf plants. For exhibition work only. Tr. pkt., \$1.50; $\frac{1}{64}$ oz., \$2.50.

Pacific Giants Mixed (New). This California grown strain produces enormous heads of flowers on robust plants and should make fine exhibition specimens in 6 or 7 in. pots. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$1.75.

CALCEOLARIAS

***Multiflora Nana Mixture** (Ball Strain). Our most popular variety. Dwarf in growth with large compact heads of medium sized flowers. This is our own carefully selected strain and contains many colors new to this class. Fine for shipping. Tr. pkt., \$1.00; 1/128 oz., \$2.35; $\frac{1}{64}$ oz., \$4.35; $\frac{1}{32}$ oz., \$8.00.

***Grandiflora Dwarf Mixed.** Contains some of the most striking and unusual color combinations that we have ever seen in Calceolarias. Extra large flowers and compact growth. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

Grandiflora Mixed. A stronger growing strain of the above. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

***Dwarf Tigered or Spotted.** Various spotted shades of "smoky" reds and rosy bronzes. Quite dwarf and compact with very full flower heads. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

***Triumph Strain.** Medium large flowers; mostly bright reds and yellows. Vigorous growth. Tr. pkt., \$1.25; 1/128 oz., \$2.25; $\frac{1}{64}$ oz., \$4.00.

Indian Prince. A bright scarlet Multiflora Nana selection. Tr. pkt., \$1.00; 1/128 oz., \$2.35.

Cloth of Gold. Medium large, freely produced golden yellow flowers. Very showy. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

***Flower Cloud.** Bushy growing plants with large cloud-like heads of small flowers in shades of yellow, orange and bronze. Tr. pkt., \$1.50; 1/128 oz., \$3.50.

Gilbert's Multiflora Nana. Medium sized flowers in brilliant shades of red and yellow on hard wiry stems with small durable leaves. Tr. pkt., \$1.00.

Perennial Hybrids. (Rugosa). A very small-flowered type for large exhibition work and bedding. Tr. pkt., \$1.00.



Calceolaria Dwarf Tigered or Spotted.

Pot Plant Seed

PRIMULA MALACOIDES

(12,000 seeds per $\frac{1}{32}$ oz.)

The most popular of all pot plant Primulas. Sow from June on for Valentine's Day and later. Easily grown, after they get started, but care must be used in germinating this seed since it will not tolerate fertilizer in the soil at this stage. Keep nitrate level below 20 ppm. All our seed is soil tested regularly for germination and we know it will grow if given a chance; FOR THIS REASON WE CANNOT ACCEPT RESPONSIBILITY FOR NON-GERMINATION OF THIS SEED. Varieties of our own growing offered subject to outcome of our seed crop.

WE OFFER THE FOLLOWING IN MR. ERIKSSON'S OWN PACKETS:

No. 2 Glory of Riverside Imp. Strong growing, beautiful salmon-rose. An excellent variety. 500 seeds, \$1.25; 2000 seeds, \$4.00.

No. 3 Eriksson's New Giant. Large flowered, late blooming, light salmon-rose. 500 seeds, \$1.25; 2000 seeds, \$4.00.

No. 5 New Baby Improved. Large flowered, deep glowing pink. Heavy stems. 800 seeds, \$1.25; 2000 seeds, \$3.00.

No. 8 Peachblossom. Deep Peachblossom pink. 500 seeds, \$1.25; 2000 seeds, \$4.00.

No. 9 Lilac Beauty. Soft lilac. 500 seeds, \$1.25; 2000 seeds, \$4.00.

No. 11 Eriksson's White Giant. Pure White. Large flowers and heavy stems. 500 seeds, \$1.25; 2000 seeds, \$4.00.

No. 12 Eriksson's Pure White Improved. Free flowering; the finest white. 800 seeds, \$1.25; 2000 seeds, \$3.00.

No. 13 Brilliance. Flowers open lavender—turn to dark velvety red. 800 seeds, \$1.25; 2000 seeds, \$3.00.

No. 20 Eriksson's Special Mixed. Some of all the originator's varieties. 800 seeds, \$1.25; 2000 seeds, \$3.00; 6000 seeds, \$8.00.

Primula Malacoides are becoming increasingly popular for use in combinations and for this purpose may be sown as late as September.



PRIMULA OBCONICA

(4,000 seeds per $\frac{1}{32}$ oz.)

Excel all other Primulas in brilliance of coloring and large flower size. Sow during June and later for Christmas and early spring pot plants.

***Fasbender's Red.** An outstandingly fine extra large flowered deep crimson red.

Mohnstein's Atrosanguinea. (Dark Red). Popular deep red.

***Mueller's Berlin Rose.** (Mueller's Rosea). Soft medium rose. Heavy compact plants and large flowers.

Lachsrosa. Salmon rose shades.

***Coerulea.** Clear mid-blue. A choice strain.

White. Rather tall growth.

***Formula Mixture.** Carefully blended mixture of above colors.

PRICES on Each Above Varieties: Tr. pkt., \$1.25; $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$4.25.

Wyaston Wonder. (New). A special selection of this famous English variety. Vigorous growing, large flowered bright crimson. Tr. pkt., \$1.25; $\frac{1}{2}$ oz., \$3.00; $\frac{1}{4}$ oz., \$5.50.

PRIMULA CHINENSIS

We are pleased to be able to offer this popular Primula for the first time in several years. This is all strictly new crop English-grown seed which will produce fine plants for late winter and spring from a June sowing.

Special Mixture. A choice assortment of colors. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50.

See Page 10 for Complete Cyclamen List

PANSIES

(25,000 seeds per oz.) The fine American-grown Pansy strains listed here are fully as good as, if not superior to, the formerly imported European strains. Buy them with confidence.

***Ball Winter Flowering.** Upright growing, long stemmed variety for cut flowers. Sow in July or early August for winter and early spring crop. $\frac{1}{2}$ Tr. pkt., 60c; Tr. pkt., \$1.00; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.75.

***Ball Giant Mixture.** Our well-known, excellent all-purpose mixture. We use the finest strains available of Swiss or Roggeli giants, adding separate colors to insure a well balanced color blend. Our finest bedding Pansy strain. Tr. pkt., 60c; $\frac{1}{4}$ oz., \$2.50; 1 oz., \$8.00; 4 ozs., \$30.00.

***Ball Giant Mixture Dwarf Strain.** A fine Roggeli or Swiss Giant strain selected for dwarf and compact habit. Tr. pkt., 60c; $\frac{1}{4}$ oz., \$2.50; 1 oz., \$8.00; 4 ozs., \$30.00.

***Maple Leaf Giants.** Our best large flowered strain. Heavy growth with good stems. Tr. pkt., 60c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.75; 1 oz., \$9.00.

***Englemann's Giant Mixture.** An excellent, large flowered strain with a bright and complete color range. Fairly compact growth. We offer originator's seed only. Tr. pkt., 75c; $\frac{1}{4}$ oz., \$3.75; 1 oz., \$12.00.

Roggeli Giant Mixture. A fine bedding strain, predominating in rich red and bronze shades. Tr. pkt., 60c; $\frac{1}{4}$ oz., \$2.50; 1 oz., \$8.00.

We also supply the originator's imported seed as follows: Tr. pkt., \$1.25; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.50.

America. An exceptionally free flowering mixture of choice colors. Dwarf and extra early. Tr. pkt., 75c; $\frac{1}{4}$ oz., \$3.00; 1 oz., \$10.00.

Geneva Giants. A choice American selected strain of Swiss Giants. Tr. pkt., 75c; $\frac{1}{4}$ oz., \$2.75; 1 oz., \$9.00.

Dwarf Geneva Giants. A compact growing selection of the above. Tr. pkt., 60c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.50; 1 oz., \$8.00.

Canadian Giants. An excellent, extra large flowered selection from Maple Leaf Giants. Tr. pkt., 90c; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.00; 1 oz., \$10.00.

Steele's Jumbo Mixture. We handle the originator's seed only of this popular American strain. Tr. pkt., \$1.00; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.50; 1 oz., \$15.00.

Improved Swiss Giants. Predominates in rich bronze and red shades. Tr. pkt., 60c; $\frac{1}{4}$ oz., \$2.50; 1 oz., \$8.00.



Pansy, Ball Giant Mixture, is full of striking colors.

SWISS GIANTS IN SEPARATE COLORS

***Coronation Gold.** The finest clear yellow.

***Lake of Thun.** A fine, large flowered medium blue with darker center.

Alpenglow. Rich garnet red.

Rhinegold. Large flowered yellow with dark center.

Mt. Blanc. Best clear white in the large-flowered Swiss type.

PRICES on All Above Swiss Separate Color Varieties Each:

Tr. pt., 75c; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.00; 1 oz., \$10.00.

BALL CALENDULA

(3,000 seeds per oz.)

Annual re-selection of planting stock for seed production helps to keep these famous strains at their very best. Genuine BALL CALENDULA are available only in our trade-marked containers. The important points in growing a crop of first class Calendula are: an early start (July in our latitude); disbudding to insure large flowers on long, stiff stems and cool temperatures—not over 45 degrees.

***Ball Improved Long Orange.** The longest-stemmed and largest flowered variety. Brilliant golden orange with a light center.

***Ball Masterpiece.** The standard and popular deep intense orange with dark center.

***Ball Lemon Queen.** Lemon yellow with contrasting brown eye.

***Ball Gold.** Large flowered deep golden yellow with light center.

Ball Long Orange. Deep intense orange with light center.

Ball Sensation. Similar to Ball Long Orange.

Ball Apricot. Our own large flowered strain of this buff or straw-yellow variety. Dark centered.

Campfire. Popular deep orange.

PRICES on All Above Varieties, Each: Tr. pkt., 40c; $\frac{1}{4}$ oz., 60c; 1 oz., \$2.00; 2 ozs., \$3.50; 4 ozs., \$6.50.

***Ball Formula Mixture.** Carefully blended by ourselves from the above varieties in proper proportion for commercial cut flower sales.

Ball Art Shades Mixture. A trial ground mixture containing many original and unusual shades.

PRICES on Above Mixtures ONLY, Each: Tr. pkt., 35c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.50.

For a list of our bedding varieties of Calendula for out-door growing, see our January catalog.

WINTER PEAS

(350 Seeds per oz.)

Due to the smaller quantities of Winter Peas being generally grown during the War, the grower in a position to do so will find them quite profitable today. Sow from July on, for Winter blooms.

OUR 12 BEST VARIETIES

Ball Blue Supreme. Much larger flowered than Mrs. Hoover. A long stemmed heavy producer. $\frac{1}{2}$ oz., 45c; 1 oz., 75c; 4 ozs., \$2.25; 1 lb., \$7.50.

Ball Orange Supreme. Improves Ball Orange in growth, stem length and richness of color. $\frac{1}{2}$ oz., 45c; 1 oz., 75c; 4 ozs., \$2.25; 1 lb., \$7.50.

New Ball Rose. Bright glowing rose. Very free flowering, but shorter vines make it valuable where headroom is limited. $\frac{1}{2}$ oz., 45c; 1 oz., 75c; 4 ozs., \$2.25; 1 lb., \$7.50.

Ball Rose Queen. Extra long stemmed and large flowered clear rose pink.

Ball Rose Supreme. Large wavy flowers of bright silvery rose pink. Fine producer.

Twilight. A bright clear lavender. Improves Harmony in flower size.

Triumph. Long stemmed, rich lilac mauve; a fine market variety.

Princess Blue. Large flowered, light blue; very attractive.

Ball White. The finest long stemmed pure white; white seeded.

Ball Salmon. Fairly deep salmon pink; an excellent producer.

Treasure Island. Extra large wavy flowers of glowing orange scarlet.

Fiesta. Brilliant scarlet cerise; we consider this the finest red in early Peas.

12 Best Mixture. Our own formula mixture of the above varieties.

PRICES on Above Varieties and Mixture, Except where Noted: $\frac{1}{2}$ oz., 30c; 1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.50.



Every retail grower will find a planting of Winter Peas invaluable.

STANDARD VARIETIES

American Beauty. American-Beauty rose.

Amethyst. Rich bright mauve-purple.

Apollo. Salmon-cerise.

Attraction. Long-stemmed salmon rose.

***Bacchus.** Deep maroon-purple. Large flowered.

***Ball Orange Improved.** Clear brilliant orange.

***Blue Danube.** A clear deep blue.

Boon. Deep salmon-rose.

***Bridesmaid.** Delightful silvery pink. Large flowered.

Cinderella. Large flowered clear light blue.

Columbia. Rose and white bi-color.

***Daphne.** Soft salmon-pink on cream. Large flowered.

Eileen. Rich Begonia rose.

Fragrance. Clear lavender for spring flowering.

***Gardenia.** Finest long-stemmed pure white for spring.

Grenadier. Poppy-scarlet.

***Harmony.** Standard early flowering lavender.

Heather Bell. Pleasing orchid-lavender. Rather small flowered.

***Hiawatha.** Strong growing, large flowered, fine deep rose.

***Hope.** Fine black-seeded white.

Jeanne Mamitsch. Clear rose; long stemmed.

Josie. Rose pink; rather small flowered.

***Laddie Imp.** Long-stemmed fairly light rose pink.

Magic. Extra early and free flowering orchid lavender.

Majestic Rose. Fine large-flowered rose-pink.

Michigan. Clear lavender.

Mrs. Holscher. Large rose-pink.

***Mrs. Hoover.** Standard early mid-blue.

Mother Machree. Large coral rose flowers; semi-duplexed.

Oriental. Black-seeded cream.

Pride. Extra long-stemmed brilliant cerise.

Red Bird. Crimson-red.

***Redwood.** Large-flowered deep, velvety crimson.

***Rhumba.** Excellent salmon cerise for spring.

Sequoia. Large flowered standard salmon rose.

***Signal Red.** Fine long-stemmed brilliant red.

Snowstorm. White-seeded white. Rather small-flowered.

***Sparks.** The finest poppy scarlet.

Sunproof Orange. Brilliant orange cerise.

Sunray. Light cerise; fine long stem.

***Tahoe.** Fine mid-blue for spring flowering.

***Top Hat.** Deep bright violet-blue.

***Tops.** Extra large, wavy flowered, light salmon rose.

***White Harmony.** Similar to Hope; black-seeded.

PRICES on All Above Varieties: $\frac{1}{2}$ oz., 30c; 1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.50.

Ball Early Mixture. Carefully balanced mixture of winter varieties. $\frac{1}{2}$ oz., 25c; 1 oz., 45c; 4 ozs., \$1.35; 1 lb., \$5.00.

SPRING FLOWERING PEAS

For sowing between November and February, we find this new class superior to the regular Early or Winter varieties. They will be about a week later coming in, but their stronger growth will carry them thru longer and with better stems. They should not be sown in the greenhouse before November and we find a January sowing ideal for May and June flowering. Being some earlier than the Late or Summer class and naturally strong in growth, these Spring Flowering Varieties are also valuable for outdoor growing.

***Black Seeded White.** Excellent pure white. Its large frilled flowers and heavy stems make a fine display.

***Blue.** A fairly deep "Hoover" blue.

***Lavender.** Soft rosy lavender. Good producer.

Light Blue. Beautiful light Princess Blue shade.

Light Carmine. (Deep Rose Cerise). A pleasing bright cerise rose on salmon. Fine stem and lots of 4's.

Salmon Cream Pink. Extra long stemmed, soft salmon pink.

***Mauve.** Closely resembles Winter Flowering Triumph in its rich coloring. Of fine spring flowering habit.

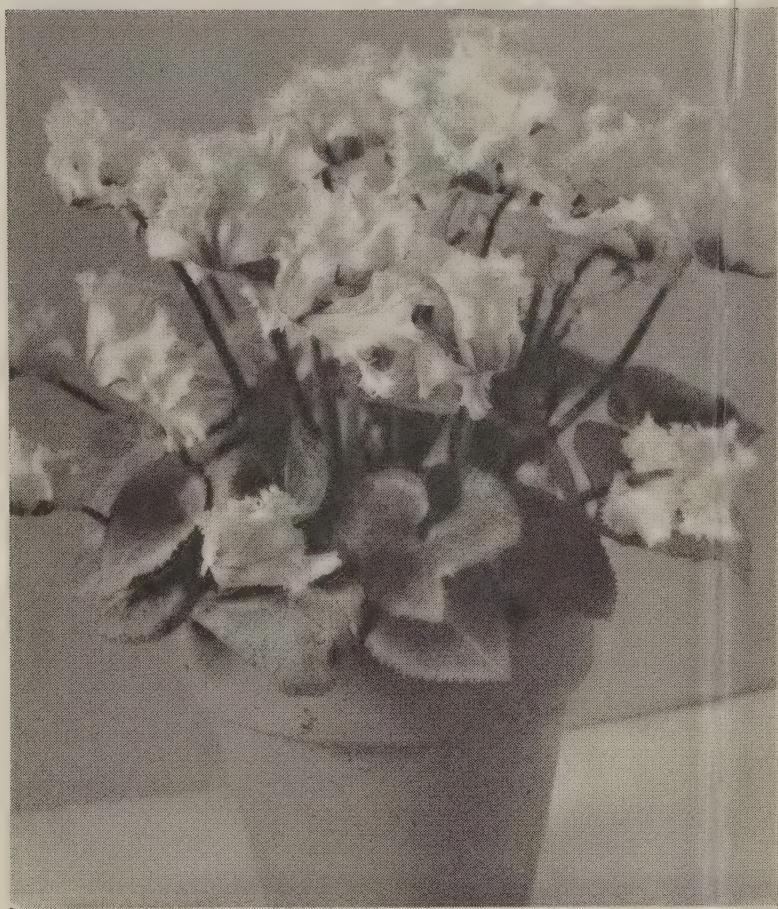
***Navy Blue.** Brilliant deep marine blue. Vigorous growth and fine large flowers.

***Rose Pink.** Similar in color to Laddie Improved.

PRICES on Above Spring Flowering Varieties: $\frac{1}{2}$ oz., 35c; 1 oz., 65c; 4 ozs., \$2.00; 1 lb., \$6.50.

***Mixture.** A mixture balanced according to demand for each color. $\frac{1}{2}$ oz., 30c; 1 oz., 55c; 4 ozs., \$1.65; 1 lb., \$5.50.

CYCLAMEN



Picturing the very attractive new Ruffled Class of Cyclamen as grown by our Colorado seed producer. This increasingly popular type is available in these three varieties: **Ruffled White**, **Ruffled Salmon** and **Ruffled Lavender** as well as in choice **Mixture**. All Priced at: 100 seeds, \$2.30; 1000 seeds, \$21.00.

We have good supplies of nearly all the following varieties grown by a specialist in Colorado where dry air and cool temperature are ideal for properly maturing this seed. **Prices shown below are net, no cash discount.**

	100 Seeds	1000 Seeds
No. 1 Dark Blood-Red	\$1.75	\$16.00
No. 2 Bright Red	1.75	16.00
No. 3 Pure Rose	1.75	16.00
No. 4 Soft Rose with carmine eye (Improved Rose of Marienthal)	1.75	16.00
No. 5 White with carmine eye.....	1.75	16.00
No. 6 Pure White	1.75	16.00
No. 7 Bonfire Brilliant salmon	2.25	20.00
No. 8 Salmon-Scarlet (America Improved)	2.30	21.00
No. 9 New Salmon-Rose Imp.	2.25	20.00
No. 10 Glory of Wandsbek (Perle of Zehlendorf). Dark salmon	2.20	18.00
No. 11 Rose of Zehlendorf Light salmon.....	2.20	18.00
No. 12 Orange Beauty Orange-vermilion.....	2.30	21.00
No. 14 Morning Red	2.20	18.00
No. 16 Saffron Red-Silver Edged	2.25	20.00
No. 18 Mozart Deep Pink	2.30	21.00
No. 19 Lavender	1.75	16.00
No. 21 Pink Pearl Salmon-Pink	2.30	21.00
Mixture of above colors	1.65	15.00

VOGT'S DOUBLE STRAIN

We handle only Mr. Vogt's seed of this attractive double type. **Mixture** of all colors. Priced at: 100 seeds, \$3.50; 250 seeds, \$7.00; 500 seeds, \$13.00; 1000 seeds, \$25.00.

FORCING TOMATOES

***Waltham Forcing, Certified.** The ideal forcing Tomato. Our green-house grown seed from selected plants. Even sized, 4 oz. scarlet fruits, firm, good shippers and do not crack. Plants take little room, may be grown in old buckets. Flowers self-pollinating. Early and heavy yielder. Tr. pkt., 50c; 1/4 oz., \$1.00; 1 oz., \$3.00.

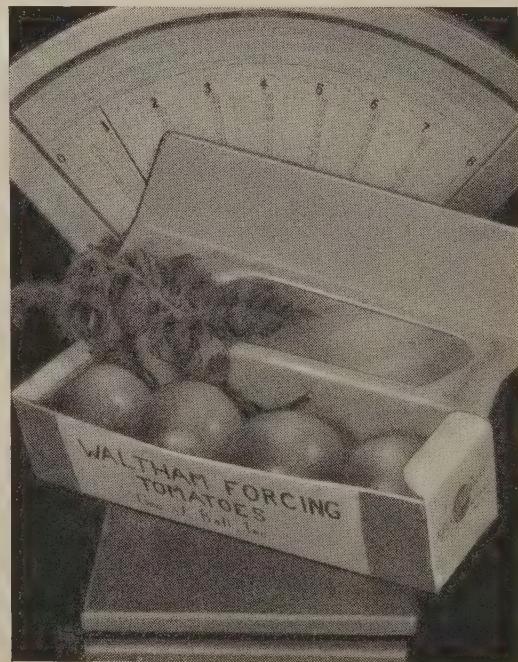
***Michigan State Forcing.** Wilt Resistant. Distinct greenhouse Tomato developed at Michigan State College. Rich, deep scarlet fruits, average 5-6 oz., globular, in large clusters. Highly self-pollinating but responds well to daily tapping of flowering clusters. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.50.

Globe "A", Select. Pink fruits, a little larger than regular Globe. Developed by Ohio State Experiment Station. Ships well. Tr. pkt., 50c; 1/4 oz., \$1.00; 1 oz., \$3.00.

Marhio or Marvelous. Pink fruited, wilt resistant and almost free from cracks. Vigorous grower requiring high temperature and particularly fine for fall forcing. Extra select stock. Tr. pkt., 50c; 1/4 oz., \$1.00; 1 oz., \$3.00.

Bonny Best. Unexcelled for all purposes. 1 oz., 60c; 4 ozs., \$2.00; 1 lb., \$5.90.

Master Marglobe Certified. Valuable for shipping. 1 oz., 80c; 4 ozs., \$2.70; 1 lb., \$8.00.



WALTHAM FORCING, the "Tailor Made" Tomato for modern packing. Four to the pound.

Miscellaneous Perennials

Because of lack of space, this is a considerably abbreviated list of the hardy perennial seed we have to offer. For a complete list, please refer to our January, '45 catalog.

NOTE: The asterisk (*) indicates varieties most dependably satisfactory in our experience and observation.

We include with this catalog the number of seeds per ounce of important items listed. For example: **AQUILEGIA**—15,500 S means 15,500 seeds per oz. These figures must NOT be accepted as indicating the number of plants to be expected.

ANEMONE—St. Brigid Mixed. Choice long stemmed mixture of brilliant colors. Tr. pkt., 50c; 1/4 oz., \$1.30; 1 oz., \$4.20.

AQUILEGIA—(Columbine). 15,500 S.—**Alpina**. 2 ft. Blue. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

Coerulea (Rocky Mountain Columbine). Sky-blue with white corolla. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

***Crimson Star Hybrids.** About 60% dark red with white corolla. Other interesting bi-colors make up the balance of this strain. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.75.

***Longissima.** Delicate, pale yellow with extra long (4 in.) spurs. Richly fragrant. Tr. pkt., 50c; 1/16 oz., \$2.50; 1/8 oz., \$4.50.

Longissima Hybrids. A variety of attractive shades in this extra long spurred class. Tr. pkt., 50c; 1/16 oz., \$2.00.

***Mrs. Nicholls.** A large flowered, clear deep blue Columbine. Tr. pkt., 50c; 1/8 oz., \$1.25; 1 oz., \$8.00.

***Mrs. Scott Elliotts Hybrids.** An excellent and popular long-spurred mixture. Tr. pt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.50.

***Snow Queen.** Extra large pure white flowers. An exceptionally true and uniform strain. Tr. pkt., 25c; 1/4 oz., \$1.00; 1 oz., \$3.50.

Mixture of all colors in this long-spurred class. Tr. pkt., 25c; 1/4 oz., 85c; 1 oz., \$3.00.

BELLIS—Perennis. This popular Double English Daisy is much used for spring and early summer bedding.

Red and Rose each: Tr. pkt., 50c; 1/8 oz., \$2.00; 1/4 oz., \$3.50.

White. Tr. pkts. only, 50c.

Mixture. Tr. pkt., 50c; 1/8 oz., \$1.80; 1/4 oz., \$3.20.

CAMPANULA—CARPATICA. 350,000 S. 12 in. Dwarf perennial.

Blue and Hybrid Mixture, a strain containing many new colors in this dwarf class. Prices on above variety and mixture each: Tr. pkt., 40c; 1/4 oz., \$2.50.

MEDIUM CALYCANTHEMA (Sup-and-saucer Type). 120,000 S. 3 ft. Biennial.

Dark Blue Light Blue Rose White Mixture

Prices on the above varieties and Mixture, each: Tr. pkt., 20c; 1/4 oz., 50c; 1 oz., \$1.60.

MEDIUM SINGLE (Canterbury Bells). 135,000 S. 3 ft. biennial.

Dark Blue Light Blue Pink White Mixture

Prices on the above varieties and Mixture, each: Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c.

PERSICIFOLIA. 340,000 S. 30 in. Perennial.

White Blue Mixture

Prices on the above varieties and Mixture, each: Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

PYRAMIDALIS. (Chimney Campanula). 250,000 S. 5 ft.

Mixture. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

CARNATION—GRENADIN (Hardy Carnation). 14,000 S. 20 in. Good for cutting.

Golden Sun *Pink *Red White *Mixture

Prices on the above varieties and Mixture, each: Tr. pkt., 50c; 1/4 oz., \$2.50; 1 oz., \$8.00.

CHRYSANTHEMUM—*Glory Mixture. Our finest mixture of hardy Chrysanthemums with an exceedingly wide range of brilliant colors. Contains seeds of Korean and Arcticum Hybrids as well as Azaleamums, Indicum and Morifoliums. Tr. pkt., 75c; 1/8 oz., \$2.00; 1/4 oz., \$4.00.

CHRYSANTHEMUM, continued

Korean Hybrids. 60,000 S. Single and semi-double types in a good color range. Many of these bloom rather late for localities with early frost dates. Tr. pkt., \$1.00; 1/8 oz., \$2.75; 1/4 oz., \$5.00.

COREOPSIS—*Sunburst (New Gold). 11,000 S. A fine semi-double strain. Tr. pkt., 20c; 1/4 oz., 30c; 1 oz., \$1.00.

Mayfield Giant. 11,000 S. Extra large deep golden yellow. Single. Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c.

DAISY (Chrysanthemum Leucanthemum)—***G. Marconi.** The largest flowered and finest double Shasta Daisy strain. Long-stemmed. Originator's seed. Tr. pkt., 50c; 6 Tr. pkts., \$2.50. Regular stock. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.75.

Double Fringed (Diener's). 18,000 S. A specially reselected strain producing about 50% good double types that should be propagated by division. Tr. pkt., 50c; 1/16 oz., \$1.25; 1/4 oz., \$4.00.

June Marguerite. 40,000 S. Tr. pkts. only, 25c.

***Mayfield Giant.** 21,000 S. Quite large flowered, end of June.

Alaska. 21,000 S. The standard Shasta Daisy, July.

Conqueror. 21,000 S. Giant late white, late July.

Prices on above three varieties each: Tr. pkt., 15c; 1/4 oz., 30c; 1 oz., \$1.00.

DIANTHUS (28,000 S.)—**Allwoodi Alpinus Mixed.** (8 to 10 in.) 1 1/2 in. single flowers in shades of pink. Early June. Tr. pkt., 35c; 1/8 oz., 90c.

Deltoides Erecta. 6 in. June flowering. A dwarf Maiden Pink. Bright red. Tr. pkt., 35c; 1/8 oz., 90c; 1/4 oz., \$1.50.

Plumarius, Single Mixture (Clove Pink). 20 in. Free flowering, and sweet scented. Tr. pkt., 15c; 1/4 oz., 40c; 1 oz., \$1.35.

BARBATUS (Sweet William). 24 in. Early June flowering. Perfectly hardy, flowering second season from seed.

***Holborn Glory.** Striking combination of crimson with white.

***Newport Pink** (Pink Beauty). A particularly rich pastel salmon rose shade. Very attractive.

Scarlet Beauty. Well named, intense scarlet red.

Giant White. Ours is an extra large flowered strain.

Single Mixture.

***Double Mixture.**

Prices on above varieties and Mixtures, each: Tr. pkt., 30c; 1/4 oz., 75c; 1 oz., \$2.40.

***Single Midget Mixed.** Very fine neat alpine and rock plant. 6 to 8 in. with dense heads of single Sweet William flowers. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$5.00.

GAILLARDIA—GRANDIFLORA. 9500 S. The following strains, except Goblin, are excellent cut flower sorts.

***Dazzler.** The standard fine cutting strain. Golden yellow with maroon center.

***Monarch Strain.** A very superior mixture of large, full petaled flowers with an unusually bright color range. Prices on the above two varieties, each: Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

***Burgundy.** Deep shade of wine red. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.25.

Maxima Aurea. Yellow. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

Portola Hybrids Mixed. Standard hybrid mixture. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

Goblin. Forms very attractive compact plants with red and yellow bicolored flowers. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

GERBERA—Jamesoni Hybrids Mixed. Fine greenhouse perennials for pots or cutting, 100 seeds, 50c; 1000 seeds, \$4.00.

MISCELLANEOUS PERENNIALS—Continued

GYPSOPHILA—34,000 S. Valuable for outdoor summer cutting and easily and economically grown.

***Pacifica**. 42 in. Starry pink flowers in Sept. and Oct. Tr. pkt., 25c; 1/4 oz., 80c; 1 oz., \$2.75.

***Oldhamiana**. 30 in. Feathery light pink flowers with silvery foliage. Blooms first year from an early sowing. Oct. flowering—watch frost dates. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

PANICULATA. The regular white hardy Gyp. Note that double grafted varieties like Bristol Fairy are not available from seed.

***Double Snow Flake**. 40 in. An improved double hardy Gyp. About 50% are double flowering plants. Tr. pkt., 35c; 1/4 oz., \$1.35; 1 oz., \$4.50.

Single White. Tr. pkt., 15c; 1 oz., 40c.

LIATRIS. (Blazing Star)—9500 S. Excellent cut flowers, long decorative, bold spikes.

Elegans. Large starry blooms of pure lavender with snow-white center. Tr. pkt., 30c; 1/4 oz., \$1.00.

***Pycnostachya**. Extra long-stemmed—3 to 5 ft. with long 15 to 18 in. flower spikes of rosy purple. Finest cut flower kind. Tr. pkt., 30c; 1/4 oz., 90c; 1 oz., \$3.00.

Scariosa. Rosy purple. Extra large individual flower heads on long, loosely set spikes. Tr. pkt., 35c; 1/4 oz., 90c; 1 oz., \$3.20.

***Scariosa White**. A very fine pure white. Long loosely set flower spikes. Tr. pkt., 35c; 1/4 oz., 90c; 1 oz., \$3.20.

Spicata. Not quite so long-stemmed or with as long flower spikes as Pycnostachya; purple. Prefers a damp low location. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

LILIES FROM SEED—***White Queen**. 8200 S. This strain produces flowers fully equal to the finest Erabu's or Gigs. in 17 months from seed. The largest and finest seed propagated Lily we know of. 1/2 Tr. pkt., 60c; Tr. pkt., \$1.00; 5 Tr. pkts., \$4.50.

Philippinense Formosanum, Giant Flowered. 8200 S. An improved form of the original stock of Philippine Lily. Tr. pkt., 35c; 1/4 oz., 85c; 1 oz., \$3.00; 4 ozs., \$10.00.

Regale (Regal Lily). 6500 S. Pink with primrose center. Tr. pkt., 20c; 1/4 oz., 40c; 1 oz., \$1.20; 4 ozs., \$4.00.

LUPINUS—POLYPHYLLUS (Hardy Lupine). Fine cutting material. Requires a well drained location and thrives best in cool climate.

***Russell Strain**. 1000 S. Unusually long closely set flower spikes and the widest range of attractive colors found in Hardy Lupines.

Reselected Stock (Originator's packets) 20 seeds, 30c; 65 seeds, 65c; 150 seeds, \$1.25; 350 seeds, \$2.50.

Grown from Originator's Stock. Tr. pkt., 35c; 1/4 oz., 60c; 1 oz., \$2.00; 4 ozs., \$6.00.

***Harkness Regal Mixture**. The standard fine hybrid mixture. Tr. pkt., 20c; 1/4 oz., 30c; 1 oz., \$1.00.

POPPY—ORIENTALE (Oriental poppy). 140,000 S. Large cup-shaped flowers with crinkled petals.

Beauty of Livermere. Dark oxblood-red. Tr. pkt., 30c; 1/4 oz., \$1.25; 1 oz., \$4.00.

Brilliant. 40 in. Vivid, fiery red. Tr. pkt., 35c; 1/8 oz., 90c; 1/4 oz., \$1.50.

Princess Victoria Louise. The standard light orange salmon. Tr. pkt., 30c; 1/4 oz., \$1.00; 1 oz., \$3.50.

Salmon Shades. Huge blossoms in unusual new salmon shades. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

Mixture. Of all colors. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

PRIMULA—VERIS. 33,000 S. A very useful class for spring pot work. Plants lifted from outdoors in fall will make specimen pot plants from February on.

***Giant Munstead Strain**. The standard strain for bedding; in shades of yellow. Tr. pkt., 75c; 1/8 oz., \$2.00; 1/4 oz., \$3.75; 1 oz., \$14.00.

***Polyanthus Mixture**. 12 in. Tr. pkt., 75c; 1/8 oz., \$1.75; 1/4 oz., \$3.25; 1 oz., \$12.00.

PRIMULA, continued

Giant Monarch Strain. A fine large flowered mixture. Tr. pkt., 75c; 1/8 oz., \$2.00; 1/4 oz., \$3.75; 1 oz., \$14.00.

Blue Flowered. Tr. pkts. only, \$1.00.

Giant Crimson. **Giant Yellow**. **Giant White**. Prices on the above three varieties, each: Tr. pkt., 75c; 1/8 oz., \$1.75; 1/8 oz., \$3.00.

Vulgaris. (True Yellow English Primrose). 19,000 S. 6 in. Tr. pkt., 50c; 1/4 oz., \$1.65; 1 oz., \$6.00.

PYRETHRUM—ROSEUM (Painted Daisy). 18,000 S. The standard hardy cut flower class. All of the following varieties will make an excellent showing with a minimum of care.

***Robinson's Hybrids**. Large single mixture. Tr. pkt., 50c; 1/4 oz., \$1.75; 1 oz., \$6.00.

***James Kelway**. Fine dark red cut flower variety. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25; 1 oz., \$8.00.

***Semi-Double Mixture**. An excellent strain. Tr. pkt., 50c; 1/4 oz., \$1.75; 1 oz., \$6.00.

Single Mixed. An attractive mixture of colors in the large-flowered single type. Tr. pkt., 50c; 1/4 oz., \$1.75; 1 oz., \$5.50.

SCABIOSA—2400 S. Excellent large flowered perennial cut flower material. Seed germination sometimes slow.

Caucasica Perfecta. Improved large flowered form of this lilac lavender strain. Tr. pkt., 30c; 1/4 oz., 75c; 1 oz., \$2.50.

***Caucasica, House Hybrids**. Large flowers ranging from white to deep blue. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.50.

Fischeri. 30 in. rounded bushy plants. Flowers a bright lilac-lavender color. Tr. pkt., 35c; 1/4 oz., 65c.

STATICE—Perennial Statice are very hardy, make good cut flower material and some as noted can be dried and dyed.

Caspia. 175,000 S. 30 in. Seedlings flower second season. Lilac. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

***Dumosa**. 19,000 S. 18 in. Dense clumps of silvery gray flowers. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

***Latifolia** (Sea Lavender). 40,000 S. 30 in. Standard blue perennial Statice. Very hardy and may be dried. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$1.85.

Perezi. 14,000 S. Flowers in large lavender heads first year from seed. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$1.85.

VIOLA—CORNUTA. Miniature Pansies. Extra free-flowering and effectively used for bedding. Perfectly hardy.

Apricot. Apricot shade. Chantreyland better. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$5.00.

Arkwright Ruby. Maroon-scarlet with dark center. Bright color. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.65; 1 oz., \$8.00.

Black Imp. Small, velvety, coal-black flowers. Your customers will "go for" this. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$5.00.

Blue Elf (Improved Johnny Jump Up). Three-colored blooms of deep violet, light blue and gold are freely produced on low-growing plants. The 3/4 inch blossoms improve the original Johnny Jump Up. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

***Blue Perfection**. Large flowered clear medium blue. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

***Chantreyland**. Extra large flowered true apricot. Tr. pkt., 50c; 1/4 oz., \$1.85; 1 oz., \$6.00.

Firmament. Free blooming, with attractive round-faced flowers of clear Sky Blue. Tr. pkt., 50c; 1/4 oz., \$1.50.

Jersey Gem. (True Stock). Attractive large deep Cattleya. Tr. pkt., 50c; 1/8 oz., \$2.00; 1/4 oz., \$3.50.

***Lutea Splendens**. Clear golden yellow. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$5.00.

Papilio. Blue and white combinations. Extra dwarf and free-flowering. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

***White Perfection**. Small pure white. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

Large-Flowered Mixture. Complete mixture of all large flowered varieties. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

PLEASE.

We invite constructive criticism. If you have received stock from us that does not suit you just pencil it down here. Or if certain varieties do particularly well in your section it is equally interesting of course. Let's have a few words from you.

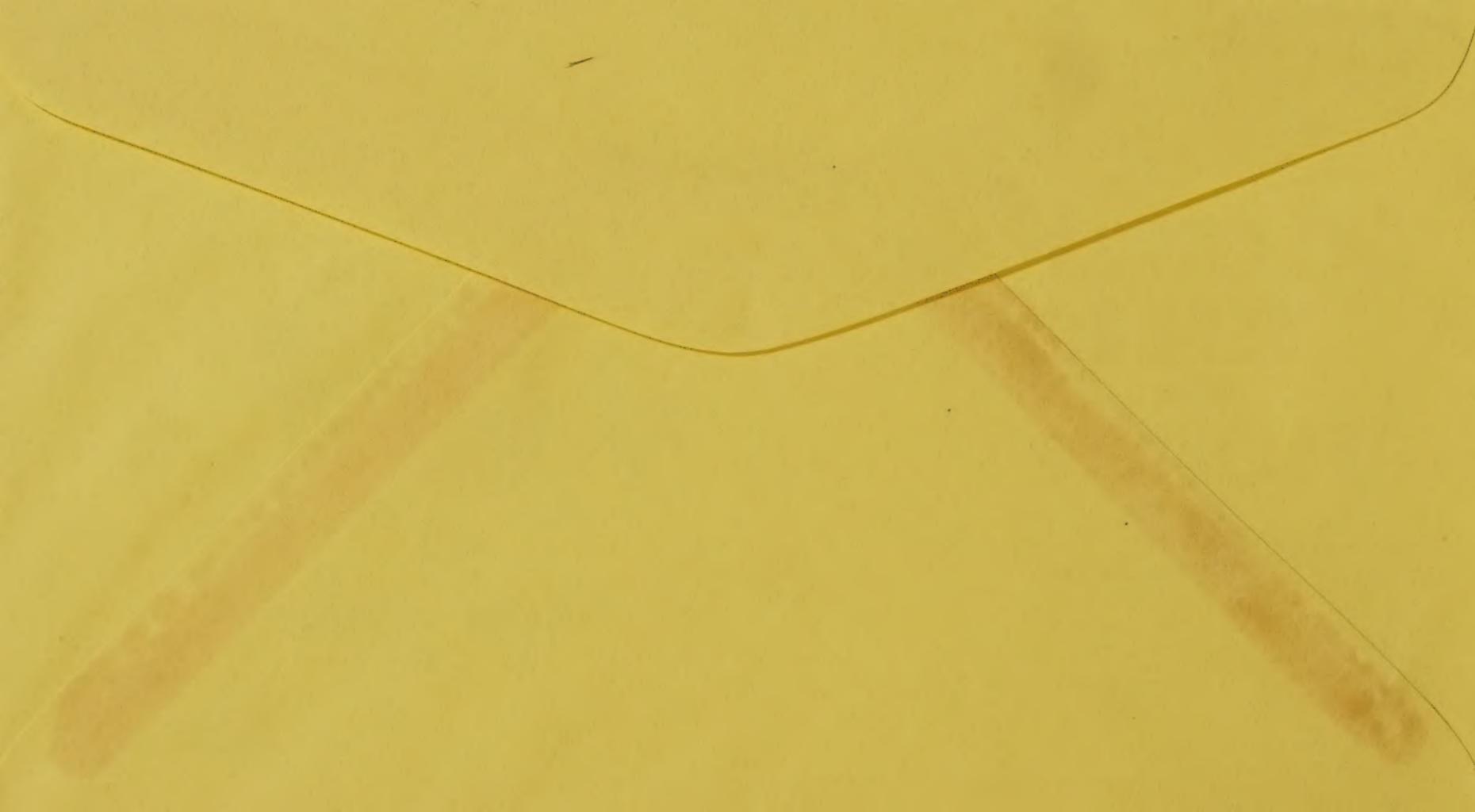
"All the best—nothing else"



West Chicago,

FROM

Illinois



SPECIALTY ITEMS

For Early Fall Sowing

MARIGOLDS

(See Back Cover)

Spry. Golden crest with contrasting dark red guard petals.

Ball Dwarf Harmony. Presents a striking contrast in bright orange and velvety maroon.

Butterball. Crest and guard petals a light golden or butter yellow faintly tipped with maroon.

Sunkist. Solid, deep golden orange flowers. Uniformly dwarf.

4 Best Dwarf Mixed. Our own carefully balanced mixture of the above varieties.

PRICES on above four varieties and mixture: Tr. pkt., **25c**; $\frac{1}{4}$ oz., **50c**; 1 oz., **\$1.75**; 4 oz., **\$5.50**.

WINTER FLOWERING. This class is of value for winter cutting from a fall sowing and will not flower during summer months.

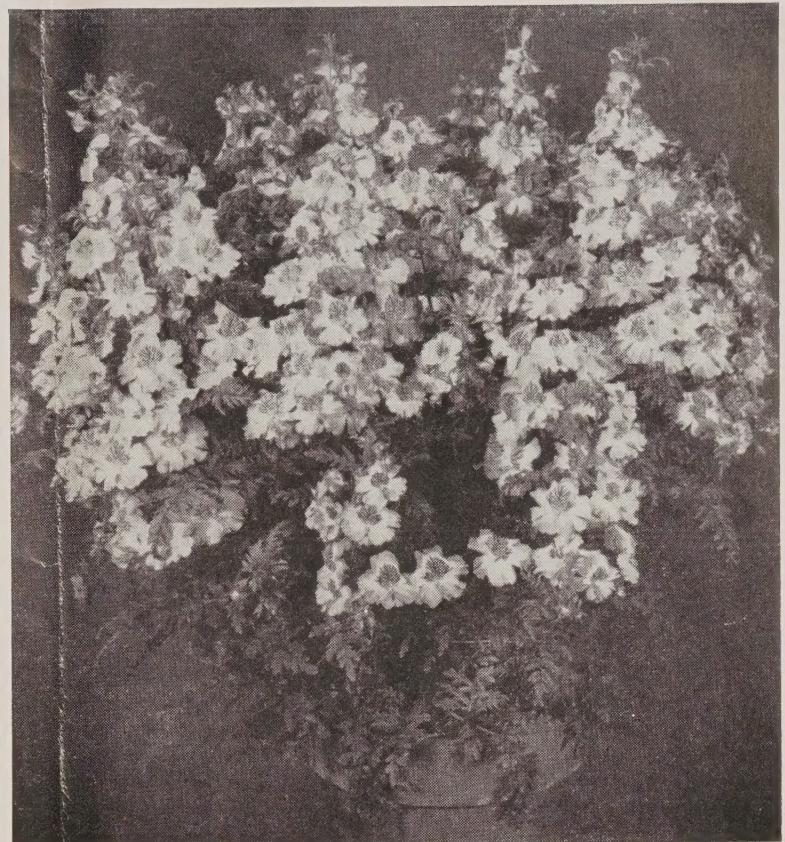
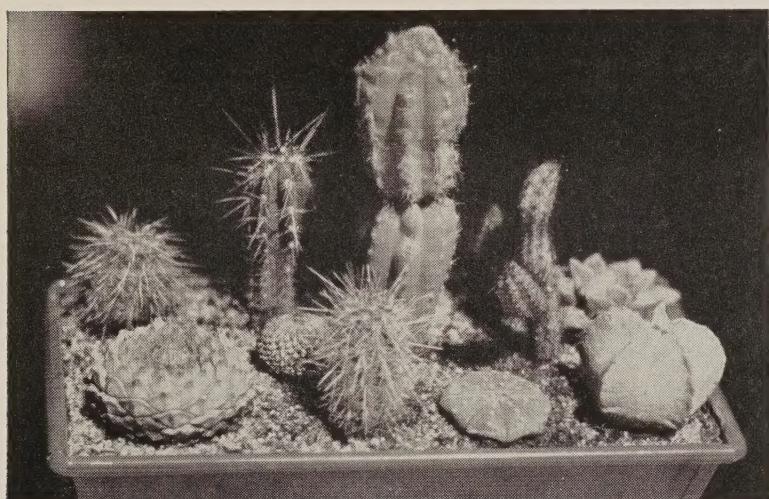
Australian Tree. Golden yellow crest with mahogany guard petals. Tr. pkt., **25c**; $\frac{1}{4}$ oz., **40c**; 1 oz., **\$1.20**.

Lieb's Brown and Gold. Similar to above. Tr. pkt., **25c**; $\frac{1}{4}$ oz., **60c**; 1 oz., **\$2.00**.

Winter Harmony. Bright orange crest with reddish guard petals. Tr. pkt., **25c**; $\frac{1}{4}$ oz., **40c**; 1 oz., **\$1.20**.

CACTUS

All Sorts Mixed. This choice blend is obtained from a leading Cactus specialist and should not be confused with cheap mixtures of common varieties. Can be sown in the greenhouse at any time if a minimum temperature of 65° can be maintained. In sowing use equal parts of sand and leaf mold screened thru a $\frac{1}{4}$ in. mesh screen, as coarseness is essential for proper soil ventilation. Cover seeds with coarse sand or small gravel and keep uniformly moist until germinated. 100 seeds, **30c**; 1000 seeds, **\$2.70**.



SCHIZANTHUS

Ball Giant Flowered (Pictured above). Remarkable flower size and brilliant color range are the outstanding points about this new strain on which we have been working for years. Medium tall in habit, making it ideal for either cutting or pot plant specimens. When well grown, flowers 2 inches in diameter may be had. Tr. pkt., **75c**; $\frac{1}{8}$ oz., **\$2.00**.

OTHER VARIETIES

Pansy-Flowered Mixture. Flowers flat and full petalled, resembling small Pansies. Tr. pkt., **35c**; $\frac{1}{8}$ oz., **\$1.00**.

Dr. Badger's Improved Hybrids. A brightly colored large-flowered strain. Tr. pkt., **35c**; $\frac{1}{4}$ oz., **\$1.15**.

Giant Blotched. Rose and pink shades, with contrasting dark centers. Tr. pkt., **50c**; $\frac{1}{8}$ oz., **\$1.25**.

Monarch Strain. Extra large flowered; strong growth. Attractive mixture of colors. Tr. pkt., **50c**; $\frac{1}{8}$ oz., **\$1.25**.

Ball Brilliant Blend. A carefully blended mixture of fairly tall varieties. Tr. pkt., **35c**; $\frac{1}{8}$ oz., **75c**; $\frac{1}{4}$ oz., **\$1.25**.

Ball Dwarf Mixture. A distinctly dwarf strain with compact heads of medium sized flowers. At its best in a 3 or 4 in. pot. Tr. pkt., **50c**; $\frac{1}{8}$ oz., **\$1.50**; $\frac{1}{4}$ oz., **\$2.50**.

CATALOG No. 51—JUNE 1945—BUSINESS TERMS

NOTE—CASH DISCOUNT! Prices quoted on Cyclamen seed and Plant Bands are net, no cash discount. Plant and Bulb prices are net unless quoted differently in special catalogs or lists. Otherwise, when cash is enclosed, a discount of 5% is allowed on all orders from \$1.00 to \$25.00. On \$25.00 and over, 8% is allowed.

Cash should accompany all orders unless credit has been established. C.O.D. shipments 50% in advance. IMPORTANT. Make all checks or money orders payable to GEO. J. BALL, INC., WEST CHICAGO, ILL.

NOTE. Our seed sold only in our printed packets or containers. Order from us only or through our regular agents.

ALL PRICES in this catalog subject to change without notice.

ALL SEED ORDERS sent prepaid to U.S. and Canada at catalog prices.

AIR MAIL DELIVERY will be made on request if 10c per oz. is allowed for postage, which includes shipping envelopes.

Our address is WEST CHICAGO, ILLINOIS on Highways U. S. 330 or Illinois 64—and on Chicago and Northwestern Ry. You are always welcome here.

HALF TRADE PACKETS supplied only where so listed.

OUR BUSINESS IS WITH FLORISTS ONLY. We do not sell at retail.

SHORTAGES—All items in this catalog are offered subject to crop failures or shortages.

WE USE EVERY PRECAUTION to supply seeds of highest quality only and promptly refund price paid for same if unsatisfactory with reasonable care.

All seeds sold under Seedsman's disclaimer as follows:

DISCLAIMER. All Florists know that success with seeds depends largely upon weather and general germination conditions, so, in accordance with the universal custom of the seed trade, we, Geo. J. Ball, Inc., give no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants we send out and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seeds, bulbs or plants.

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SEMPERFLORENS BEGONIAS

Nice 2½ or 3 in. pot plants, in flower, of this class are produced in 4–6 months depending on temperature. Because of their free flowering habit and preference for shade, these Begonias are ideal for combinations. We grow all our own seed of them, and it will be found practically 100% clean. Our Tr. pkts. contain about 2,500 seeds. In sowing such fine seed do so in ¼ in. deep rows; the soil washed over them in occasionally spraying will be plenty of cover except for glass on the flat to help maintain that all important "uniform moisture."



DWARF MARIGOLDS

The three pictured are tops in this class. They are: top, Butterball; right, Spry; and bottom, Sunkist. Their vivid coloring gives them indispensable value in combination work. To avoid checking their growth keep them warm and not too wet in the early stages of growth. We are featuring and listing them at this time because we find that a mid-September sowing, grown in a Carnation house temperature, will flower for Christmas. And don't overlook that long stemmed Lieb type for cutting.

Gro. J. Ball
INC.
WEST CHICAGO
ILLINOIS